

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number
WO 2005/058066 A1

(51) International Patent Classification⁷: **A23L 1/015**,
1/20, A23D 9/04, 7/005, 7/04

(21) International Application Number:
PCT/EP2004/013056

(22) International Filing Date:
17 November 2004 (17.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03079070.3 9 December 2003 (09.12.2003) EP

(71) Applicant (for AL, AM, AT, AZ, BA, BE, BF, BG, BJ, BR, BY, CF, CG, CH, CI, CM, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, FR, GA, GE, GN, GQ, GR, GW, HR, HU, ID, IS, IT, JP, KG, KP, KR, KZ, LR, LT, LU, LV, MA, MC, MD, MG, MK, ML, MR, MX, MZ, NA, NE, NI, NL, NO, PH, PL, PT, RO, RU, SE, SI, SK, SN, SY, TD, TG, TJ, TM, TN, TR, UA, UZ, VN, YU only): UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(71) Applicant (for AE, AG, AU, BB, BW, BZ, CA, CY, EG, GB, GD, GH, GM, IE, IL, KE, LC, LK, LS, MN, MW, NZ, OM, PG, SC, SD, SG, SL, SZ, TT, TZ, UG, VC, ZA, ZM, ZW only): UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London Greater London EC4P 4BQ (GB).

(71) Applicant (for IN only): HINDUSTAN LEVER LIMITED [IN/IN]; HINDUSTAN LEVER HOUSE, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BELTMAN, Rob [NL/NL]; UNILEVER R & D VLAARDINGEN, Olivier

van Noortlaan 120, NL-3133 AT Vlaardingen (NL). BRUGGHEN, Robertus, van der [NL/NL]; UNILEVER R & D VLAARDINGEN, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). DOL, Georg, Christian [NL/NL]; UNILEVER R & D VLAARDINGEN, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). FRITSCHKE, Sonja [DE/DE]; UNILEVER BESTFOODS DEUTSCHLAND GMBH, Oberstdorfer Strasse 7, 87435 Kempten (DE).

(74) Agent: KLEIBORN, Paul, E.; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COOKING FAT PRODUCT WITH IMPROVED SPATTERING BEHAVIOUR

(57) Abstract: Method for improving the spattering behaviour of a cooking fat product containing 0 - 5 wt.% of a dispersed aqueous phase comprising the steps a. selecting a cooking fat product containing 0 - 5 wt.% of a dispersed aqueous phase, b. selecting fat insoluble vegetable matter having a consistency which allows milling to a powder, c. milling the vegetable matter to a powder having a volume weighted mean particle diameter (d_{4,3}) selected from the range 1 - 2000 µm, admixing the resulting powder to the cooking fat product in an amount of 0.1 - 25 wt.% on product and getting it evenly dispersed throughout the product.

WO 2005/058066 A1